



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BROWN et al.)
Serial No.: 10/761,537) Attorneys' Ref. P214419
Filing Date: 01/21/2004) ~~Art Unit~~ 2125
Title: MOTION CONTROL SYSTEMS) Examiner: Cabrera, Zoila E.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Supplemental Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Form PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent.

Copies of the non-patent literature documents cited in this Supplemental Information Disclosure Statement are enclosed. Citation of a reference in this Supplemental Information Disclosure Statement is not an admission that the reference is prior art to the present invention.

No item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Supplemental Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

It is believed that no fee is due at this time to maintain the application in full force and effect, however if any such fee is due please charge this to Deposit Account No. 502099.

REMARKS

I. U.S. PATENTS

No new U.S. patent references are cited.

II. FOREIGN PATENTS

No new foreign patent references are cited.

III. NON-PATENT LITERATURE REFERENCES

"A Generalized Modular Architecture for Robot Structures", by Tesar et al., published in June 1989. This document discloses the transition from the design robot structures on an individual basis to the design of generic robot structures that can evolve with changes in technology. The article describes one proposed example of a structured modular approach to robot architecture.

"An Object-Oriented Environment for Robot System Architectures", by Miller et al., published in February 1991 by IEEE Control Systems. This document discloses a system architecture for robots that employs a layered programming structure that models an application as a set of software objects.

"Open Architectures for Machine Control" by Proctor et al., published in 1994 by NIST. This document discloses a project designed to demonstrate the feasibility of open architecture for machine control. The project identifies portability of applications from one platform to another as being a desirable attribute of such an open architecture.

"Robotic Technology Development Program" published in February 1994 by the US Department of Energy. This document discloses an Integrated Program evaluating the performance of a number of related Department of Energy sponsored robotics projects.

CONCLUSION

Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington, this 14th day of June, 2007.

Respectfully submitted,

BROWN et al.

By Michael R. Schacht
Michael R. Schacht, Reg. No. 33,550
Customer No. 30662
Schacht Law Office, Inc.
2801 Meridian Street, Suite 202
Bellingham, WA 98225-2400
Tel: (360) 647-0400
Fax: (360) 647-0412

CERTIFICATE OF MAILING 37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature: Susie Hubka

Print Name: Susie Hubka

Date: June 14, 2007

Please type a plus sign (+) inside this box ----> ☐

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/761,537
Filing Date	01/21/2004
First Named Inventor	David W. Brown
Group Art Unit	2125
Examiner Name	Cabrera, Zoila E.
Attorney Docket Number	P214419

Sheet 1 of 1

(use as many sheets as necessary)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	TESAR, D. , BUTLER, M.; "A Generalized Modular Architecture for Robot Structures", American Society of Mechanical Engineers, 6/1/1989, pp. 91-118	
	2	MILLER, D. , LENNOX, C.; "An Object-Oriented Environment for Robot System Architectures", IEEE Control Systems, 2/1/1991, pp. 14-23	
	3	PROCTOR, F. , DAMAZO, B. , YANG, C. , FRECHETTE, S.; "Open Architectures for Machine Control", NIST, 1994, pp. 1-17	
	4	US DEPARTMENT OF ENERGY; "Robotic Technology Development Program", 2/1/1994, pp. 1-114	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1Unique citation designation number2Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any commentson the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.